SYSTEM PERFORMANCE PREDICTION MECHANISM AND METHOD BASED ON SOFTWARE COMPONENT PERFORMANCE MEASUREMENTS

BACKGROUND OF THE INVENTION

5   Field of the Invention:

The present invention relates to a system performance prediction mechanism based on performance measurements of software components, and more particularly to a system performance prediction mechanism based on performance measurements of software components in a system

10   constructed by a technique of combining a plurality of software components.

Related Background Art:

In a conventional system construction, there have

15   been conducted a desk study on performances in the early stage of designing or a performance measurement with a construction of a prototype system in some cases, whereas a performance has been rarely evaluated by measuring a system under development. In most cases, a performance evaluation

20   of a development system has been performed for the first time in a join test phase when the entire system starts to operate (for example, Japanese Unexamined Patent Publication (Kokai) No. 2002-108656 (pp. 8 to 10, See Fig. 1)).

25   On the other hand, as a performance evaluation (prediction) methodology in a system construction, there has been disclosed a method of dividing software executions

SUBSTITUTE SPECIFICATION

SYSTEM PERFORMANCE PREDICTION MECHANISM AND METHOD BASED ON SOFTWARE COMPONENT PERFORMANCE MEASUREMENTS

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BACKGROUND OF THE INVENTION

Field of the Invention:

The present invention relates to a system performance prediction mechanism based on performance measurements of software components, and more particularly
10 to a system performance prediction mechanism based on performance measurements of software components in a system that combines a plurality of software components.

Related Background Art:

15 In a first conventional system construction, a desk study of performance is conducted in the early stage of designing or performance measurement of a prototype system is conducted in some cases, whereas performance is rarely evaluated by measuring a system under development.
20 In most cases, a performance evaluation of a development system is performed for the first time in a joint test phase when the entire system starts to operate (for example, Japanese Unexamined Patent Publication (Kokai) No. 2002-108656 (pp. 8 to 10, See Fig. 1)).

Has been entered

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3-15-07